

Title (en)

POLYBUTADIENE MODIFIED POLYMER POLYOLS, FOAMS PREPARED FROM POLYBUTADIENE MODIFIED POLYMER POLYOLS, AND PROCESSES FOR THE PRODUCTION THEREOF

Title (de)

POLYBUTADIENMODIFIZIERTE POLYMERPOLYOLE, SCHAUMSTOFFE AUS POLYBUTADIENMODIFIZIERTEN POLYMERPOLYOLEN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

POLYOLS POLYMÈRES MODIFIÉS PAR POLYBUTADIÈNE, MOUSSES PRÉPARÉES À PARTIR DE POLYOLS POLYMÈRES MODIFIÉS PAR POLYBUTADIÈNE ET PROCÉDÉS DE PRODUCTION CORRESPONDANTS

Publication

EP 2964689 A1 20160113 (EN)

Application

EP 14759944 A 20140226

Priority

- US 201313790249 A 20130308
- US 2014018505 W 20140226

Abstract (en)

[origin: US2014256839A1] This invention relates to polybutadiene modified polymer polyols which comprise one or more base polyols, at least one preformed stabilizer, one or more ethylenically unsaturated monomers, and polybutadiene, in the presence of at least one free radical polymerization catalyst, and optionally, one or more chain transfer agents. The polybutadiene present in these polybutadiene modified polymer polyols may be carried into the polymer polyol through the preformed stabilizer, by a polybutadiene containing component that is added separately from the preformed stabilizer to the polymer polyol, or a combination thereof, with the total amount of polybutadiene ranging from 0.03 to 1.0% by weight of polybutadiene, based on 100% by weight of the polymer polyol. The present invention also relates to processes for preparing these polybutadiene modified polymer polyols, to foams prepared from these polybutadiene modified polymer polyols, and to processes for producing foams from these polybutadiene modified polymer polyols.

IPC 8 full level

C08G 65/48 (2006.01); **C08F 8/00** (2006.01); **C08F 283/06** (2006.01); **C08G 18/32** (2006.01); **C08G 18/48** (2006.01); **C08G 18/63** (2006.01); **C08G 18/65** (2006.01); **C08G 18/66** (2006.01); **C08G 18/76** (2006.01); **C08G 18/81** (2006.01); **C08J 9/00** (2006.01)

CPC (source: EP US)

C08F 8/00 (2013.01 - US); **C08F 283/06** (2013.01 - EP US); **C08G 18/3275** (2013.01 - EP US); **C08G 18/48** (2013.01 - US); **C08G 18/4841** (2013.01 - EP US); **C08G 18/4845** (2013.01 - EP US); **C08G 18/4883** (2013.01 - EP US); **C08G 18/632** (2013.01 - EP US); **C08G 18/635** (2013.01 - EP US); **C08G 18/636** (2013.01 - EP US); **C08G 18/638** (2013.01 - EP US); **C08G 18/657** (2013.01 - EP US); **C08G 18/6685** (2013.01 - EP US); **C08G 18/69** (2013.01 - EP US); **C08G 18/7621** (2013.01 - EP US); **C08G 18/7671** (2013.01 - EP US); **C08G 18/81** (2013.01 - EP US); **C08G 18/8108** (2013.01 - EP US); **C08G 65/48** (2013.01 - US); **C08G 2101/00** (2013.01 - EP US); **C08G 2110/0008** (2021.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2014256839 A1 20140911; **US 9163099 B2 20151020**; BR 112015021989 A2 20171219; CA 2903913 A1 20140912; CN 105008430 A 20151028; CN 105008430 B 20170808; EP 2964689 A1 20160113; EP 2964689 A4 20161026; EP 2964689 B1 20171108; EP 3284768 A1 20180221; EP 3284769 A1 20180221; JP 2016510825 A 20160411; JP 6246839 B2 20171213; KR 20150126925 A 20151113; MX 2015011761 A 20160115; MX 345758 B 20170215; WO 2014137678 A1 20140912

DOCDB simple family (application)

US 201313790249 A 20130308; BR 112015021989 A 20140226; CA 2903913 A 20140226; CN 201480013093 A 20140226; EP 14759944 A 20140226; EP 17186441 A 20140226; EP 17186442 A 20140226; JP 2015561393 A 20140226; KR 20157027890 A 20140226; MX 2015011761 A 20140226; US 2014018505 W 20140226